

CB1 cannabinoid receptor antagonism: a new strategy for the treatment of liver fibrosis

F Teixeira-Clerc, B Julien, P Grenard... - Nature medicine, 2006 - nature.com

... Right, negative control in normal liver and active cirrhosis after preadsorption of the CB1 receptor-specific antibody with the CB1 ... In contrast, CCl 4 -treated Cnr1 -/- mice showed limited formation of fibrotic septa (Fig. ... Graphs show quantification of fibrosis area by morphometry. ...

Cited by 219 - Related articles - BL Direct - All 5 versions

Hepatic fibrosis: molecular mechanisms and drug targets

S Lotersztajn, B Julien... - Annu. Rev. ..., 2005 - annualreviews.org

... In addition, bone marrow myofibroblasts represent a significant proportion of hepatic myofibroblasts in cirrhosis of diverse etiologies (20). ... AT1 receptors are upregulated in fibrotic areas during experimental liver fibrosis (86). ...

Cited by 169 - Related articles - BL Direct - All 7 versions

[\[PDF\] from kakoo.com.cn](#)

Cannabinoid receptors as new targets of antifibrotic strategies during chronic liver diseases

A Mallat, F Teixeira-Clerc, V Dewaux... - 2007 - informahealthcare.com

... be particularly beneficial in patients with NASH, who are exposed to fibrosis progression (Figure 3 ... 3). Indeed, it has been shown in experimental models of cirrhosis, that endocannabinoids ... 36K). Figure 1. Cellular expression of the endocannabinoid system in the fibrotic liver. ...

Cited by 38 - Related articles - BL Direct - All 3 versions

Antifibrogenic role of the cannabinoid receptor CB2 in the liver

B Julien, P Grenard, F Teixeira-Clerc, JF Van Nhieu ... - Gastroenterology, 2005 - Elsevier

... few septa = 2, numerous septa without cirrhosis = 3, and cirrhosis = 4. Heterogeneity of fibrosis throughout the ... cirrhotic samples showed a strong CB2 immunostaining of numerous spindle-shaped cells in fibrotic septa (Figure 1B), irrespective of the etiology of cirrhosis. ...

Cited by 172 - Related articles - All 6 versions

Endocannabinoids and Liver Disease. II. Endocannabinoids in the pathogenesis and treatment of liver fibrosis

[\[HTML\] from physiology.org](#)

SV Siegmund, RF Schwabe ... -Gastrointestinal and Liver ..., 2008 - Am Physiological Soc

... upregulated in the vascular endothelium as well as in myofibroblasts located in fibrotic bands of ... esophageal varices and variceal bleeding is one of the most dangerous complications of liver fibrosis. ... and reduces mesenteric blood flow in rats with CCl 4 -induced cirrhosis (3, 19 ...

Cited by 23 - Related articles - BL Direct - All 4 versions

Mechanisms of hepatic fibrogenesis

[\[HTML\] from nih.gov](#)

SL Friedman - Gastroenterology, 2003 - Elsevier

... using standard gradient methods more closely resembled activated cells from fibrotic liver, indicating that ... for their lack of inflammatory cells, yet they too lead to cirrhosis and risk ... is up-regulated only on biliary epithelium during experimental cholestatic liver fibrosis, 69 implying ...

Cited by 321 - Related articles - BL Direct - All 10 versions

[PDF] Endocannabinoids as novel mediators of liver diseases

[\[PDF\] from diabetes.eu](#)

A Mallat... - Journal of endocrinological investigation, 2006 - diabetes.eu

... upregulation in the cirrhotic human liver, predomi- nating in hepatic myofibroblasts within fibrotic septa (35 ... data. CB1 receptors are also up-regulated in a model of liver fibrosis, induced by ... As anandamide production increases in cirrhosis (32, 36-40), we hypothesized that the ...

Cited by 28 - Related articles - View as HTML - BL Direct - All 2 versions